Survey of DR Providers

Satisfaction with 2003 Program Changes

Presented to

NYISO PRL WG

December 11, 2003

Neenan Associates

Figure 1. Survey Respondents

• Regulated LSE	2
• Competitive LSE	3
• Demand Response Provider	6
• Retail Customer	1
• Other-Non-Profit Agency	1
TOTAL	13

Survey administered August – September, 2003
Sent to all entities on NYISO PRL WG List Server

Figure 2. Which Programs Were Promoted

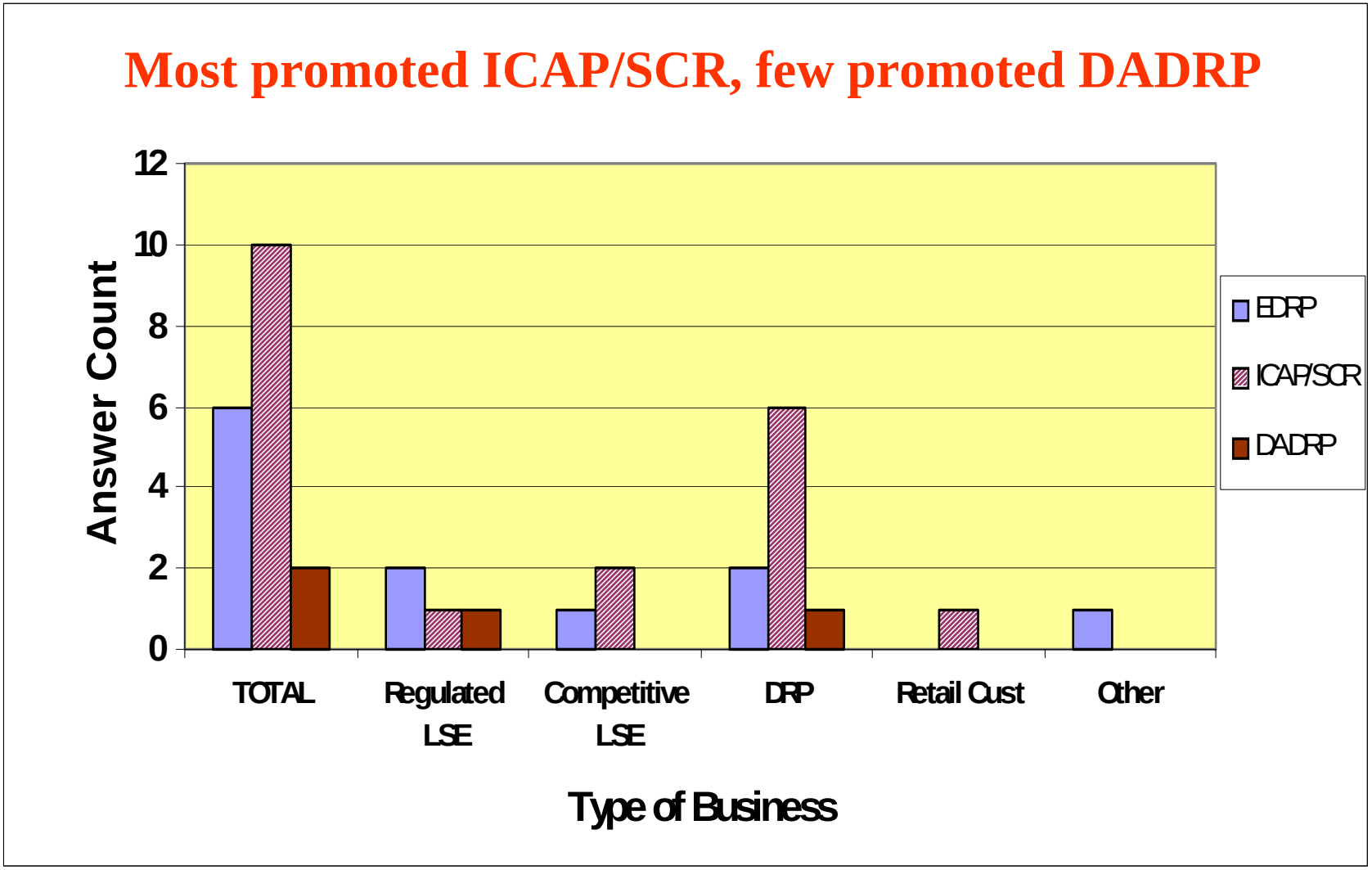


Figure 3. Efforts to Promote DADRP Participation

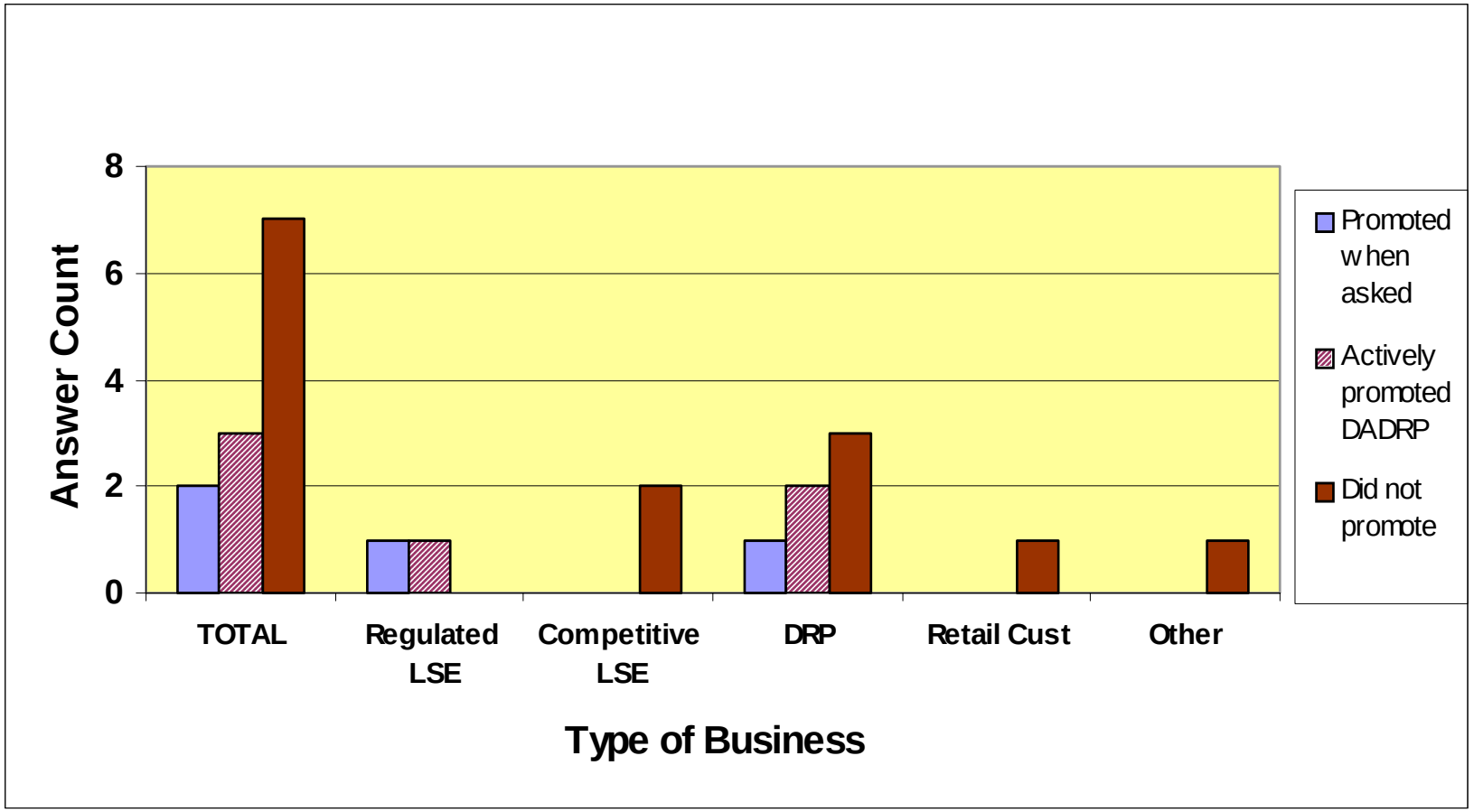


Figure 4. Customer Receptiveness to DADRP

5 = Least Receptive

1 = Most Receptive

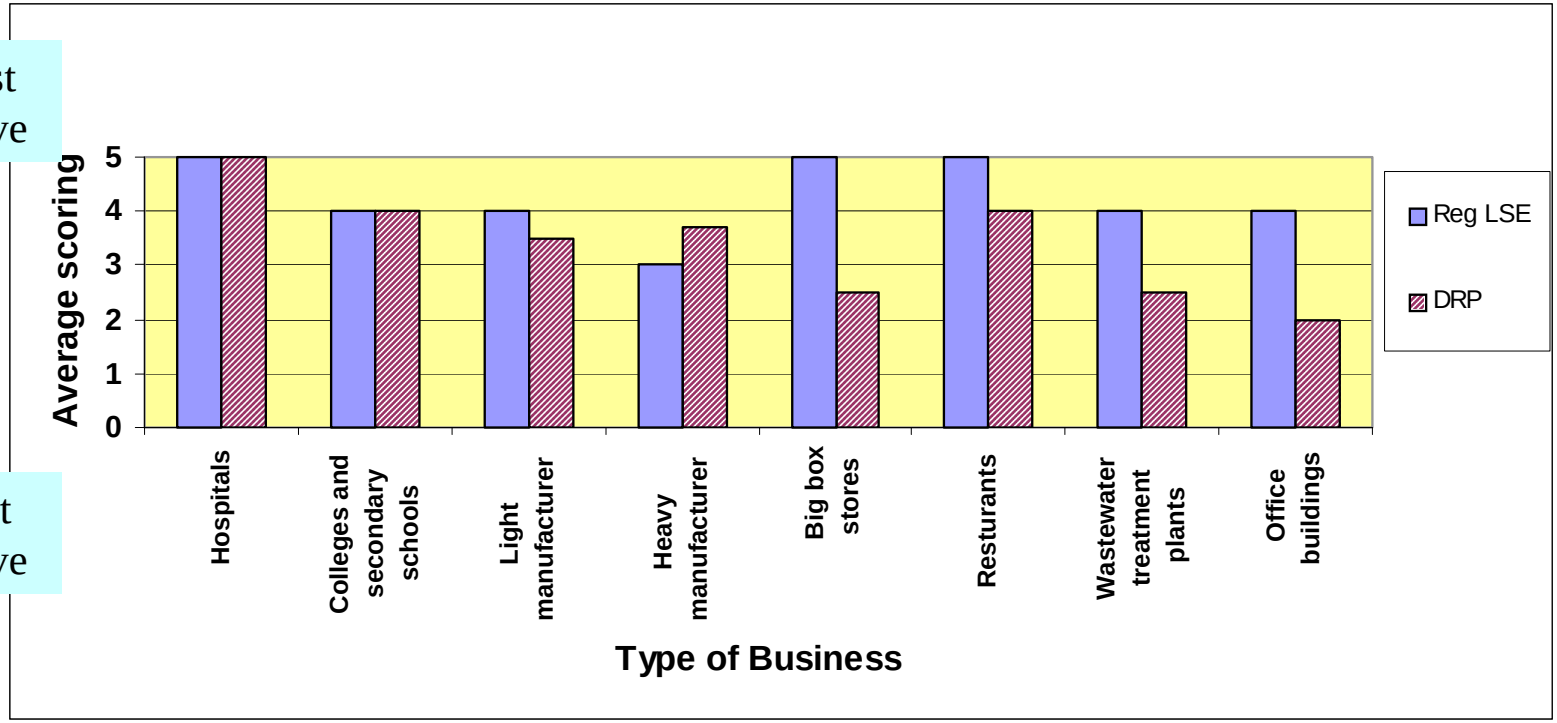


Figure 5. Promotion of EDRP Participation

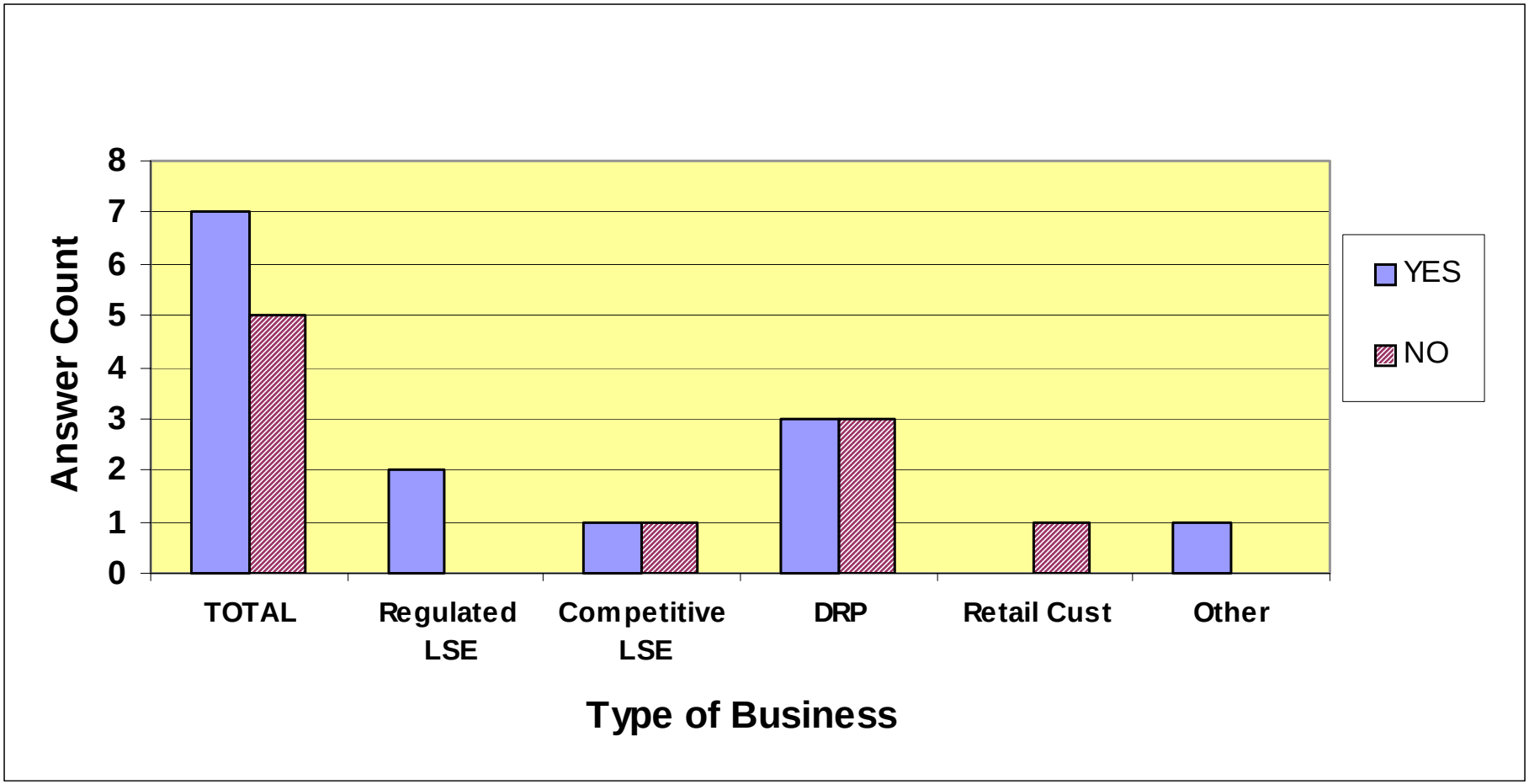


Figure 6. Expectations of Benefits from EDRP Participation

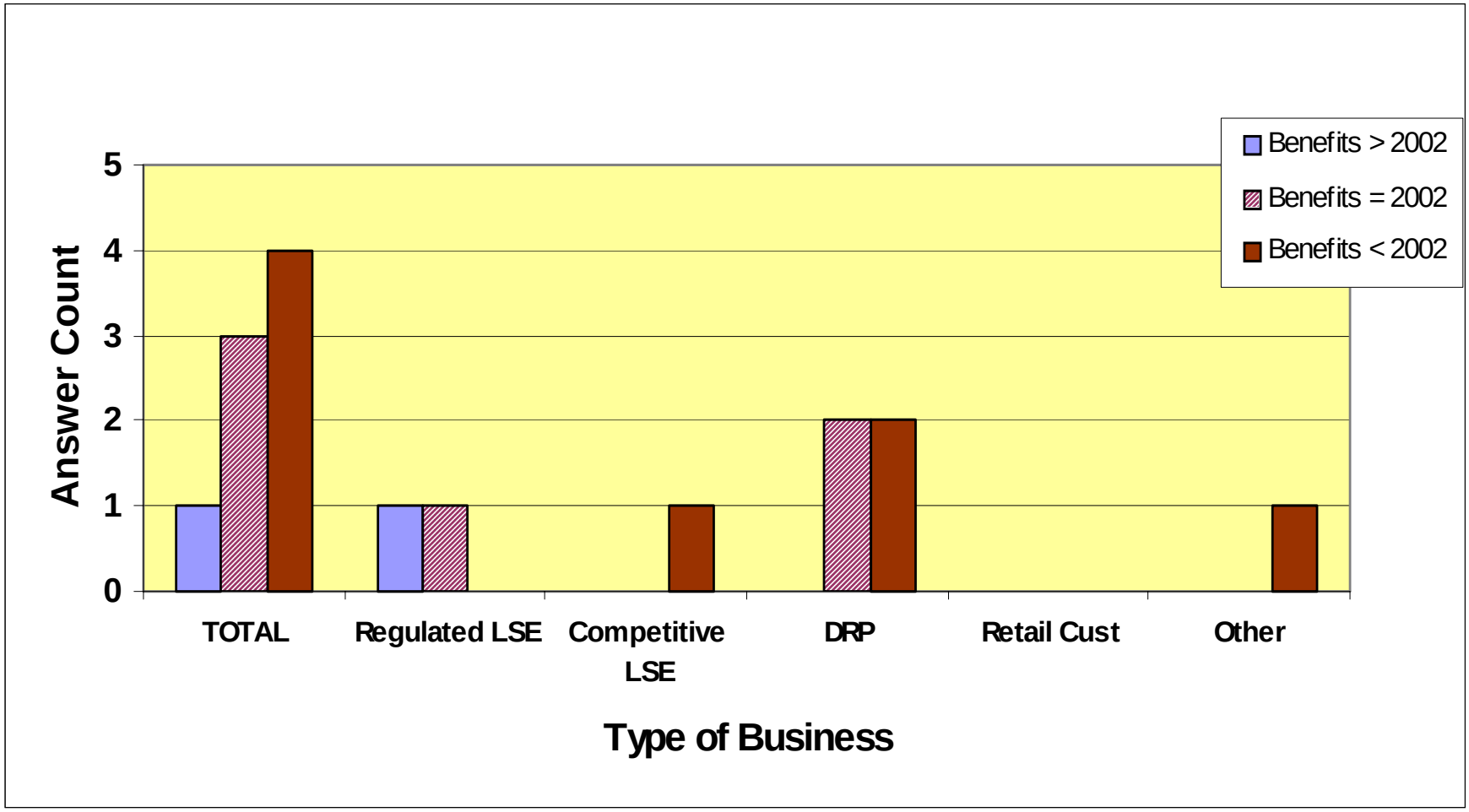


Figure 7. Experience in Marketing Revised EDRP

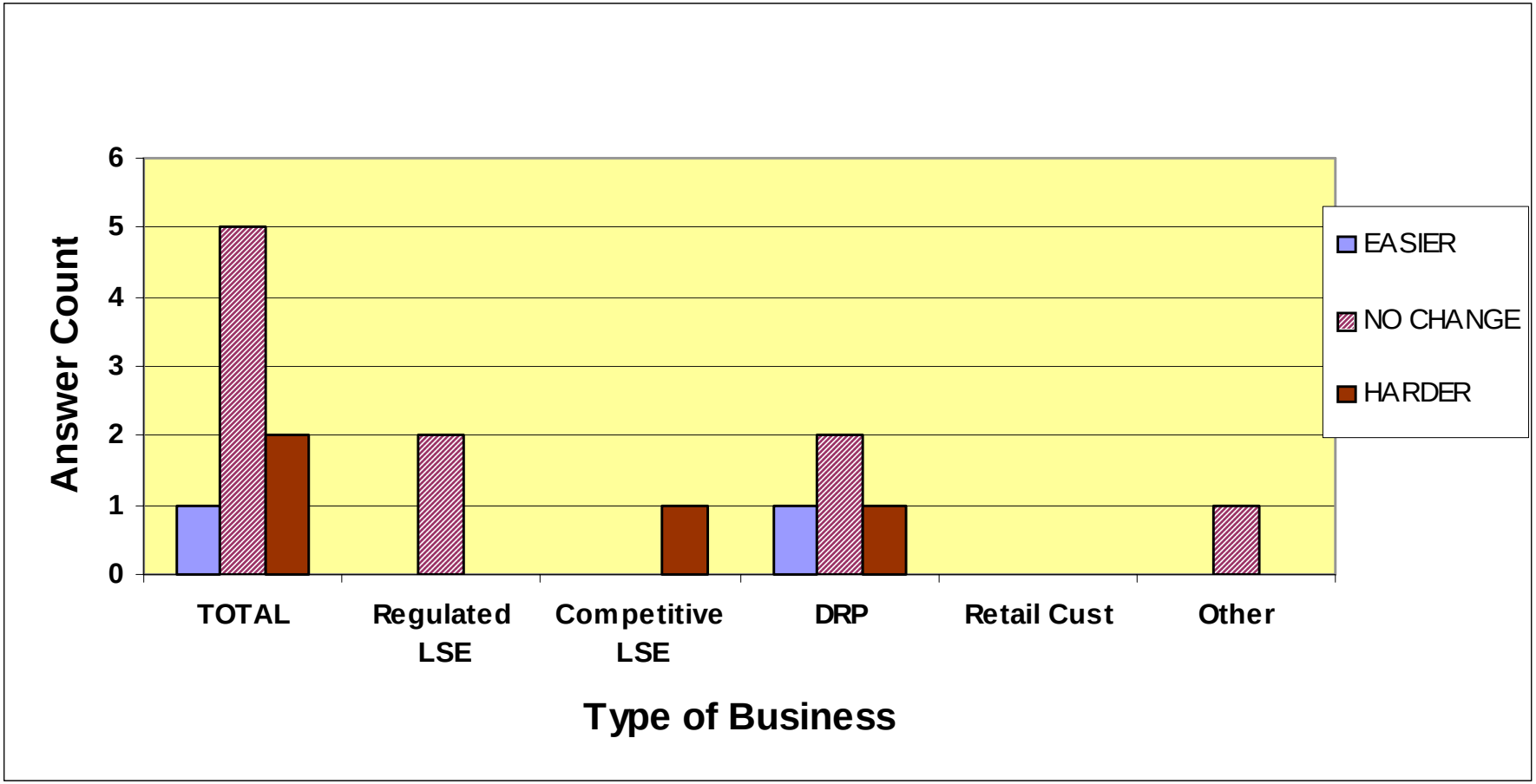


Figure 8. Satisfaction with ICAP/EDRP Unbundling

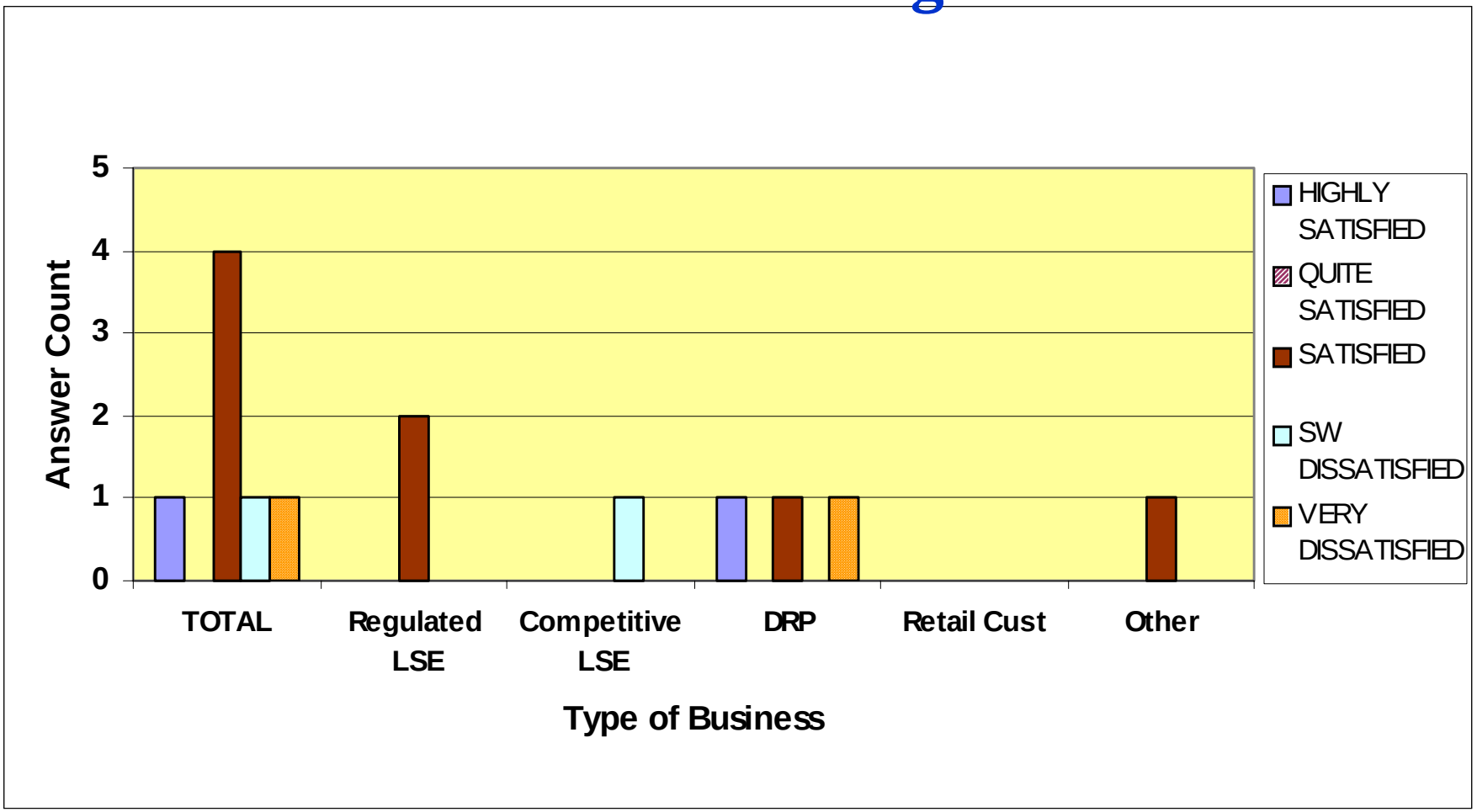


Figure 9. Promote ICAP/SCR

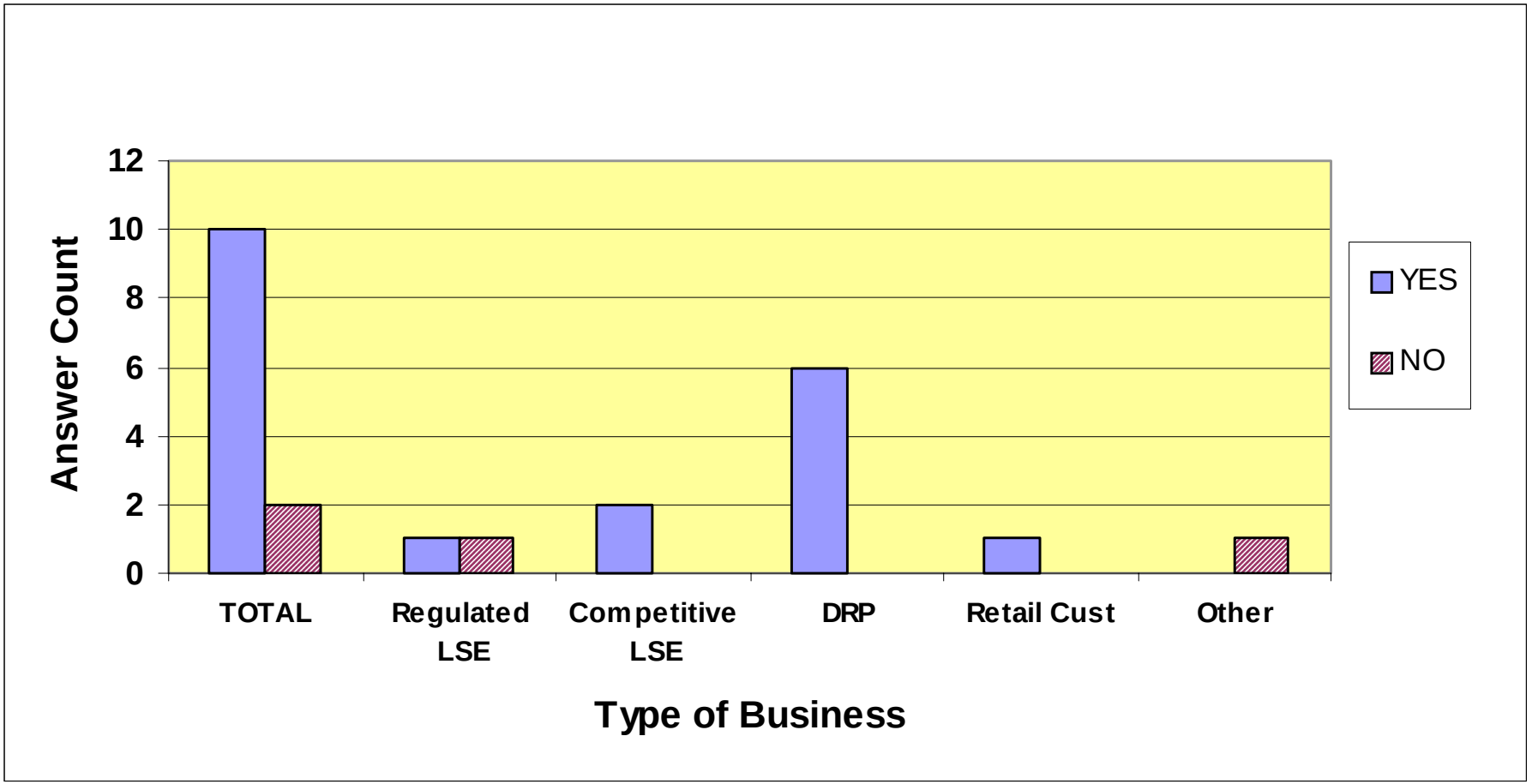


Figure 10. Satisfaction with ICAP/SCR Strike Price Nomination Protocols

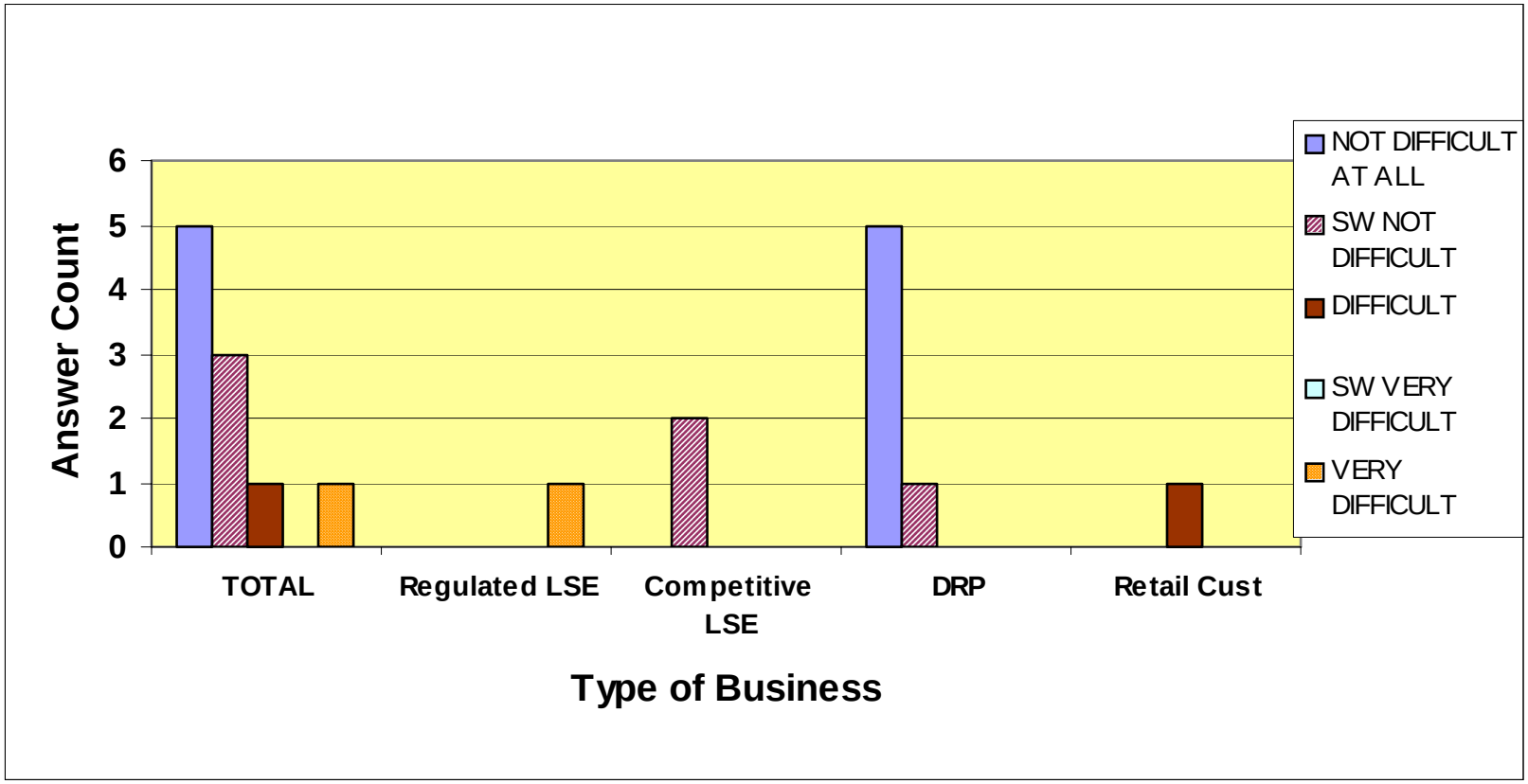


Figure 11. Impact of Elimination Energy Payment under ICAP/SCR

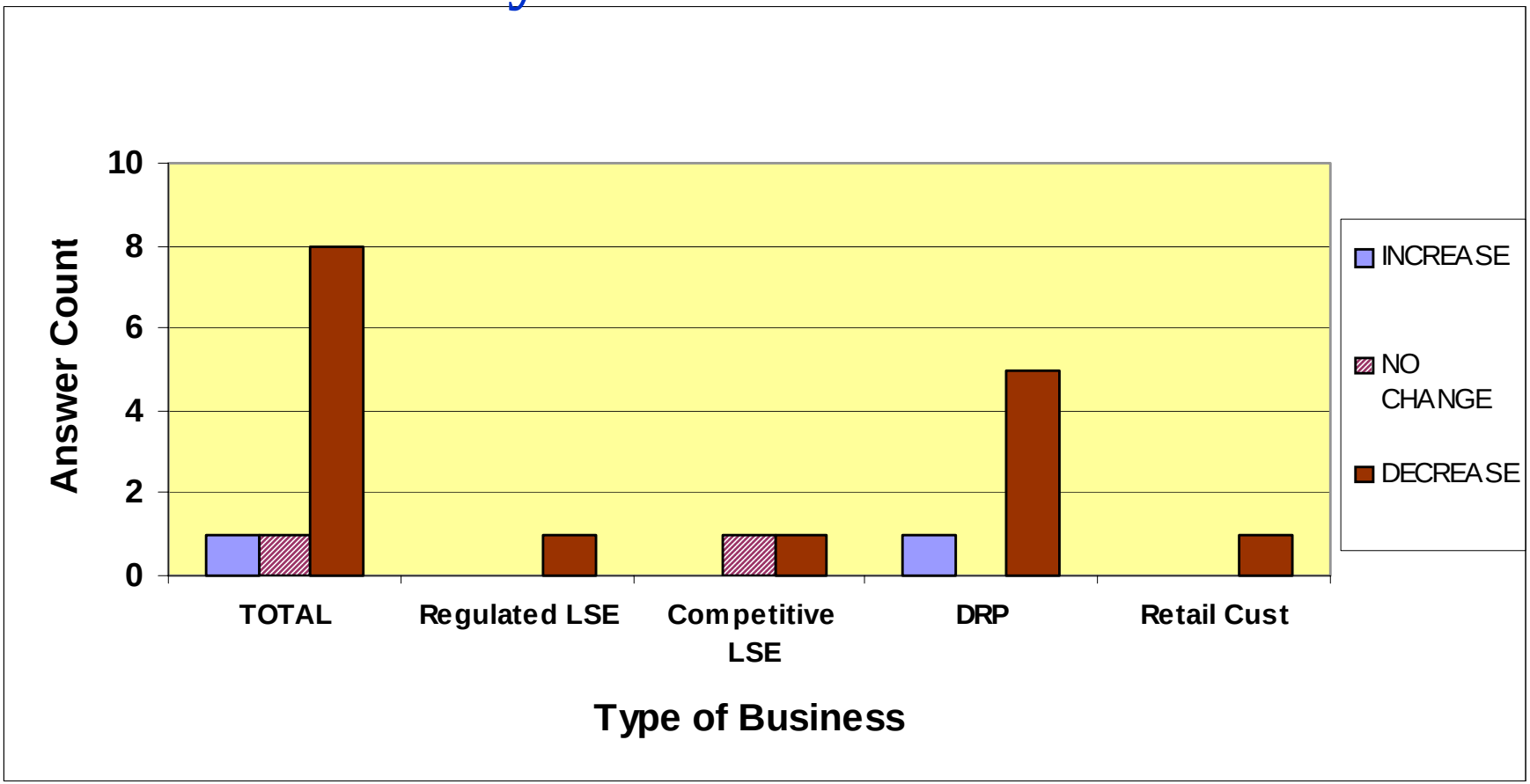
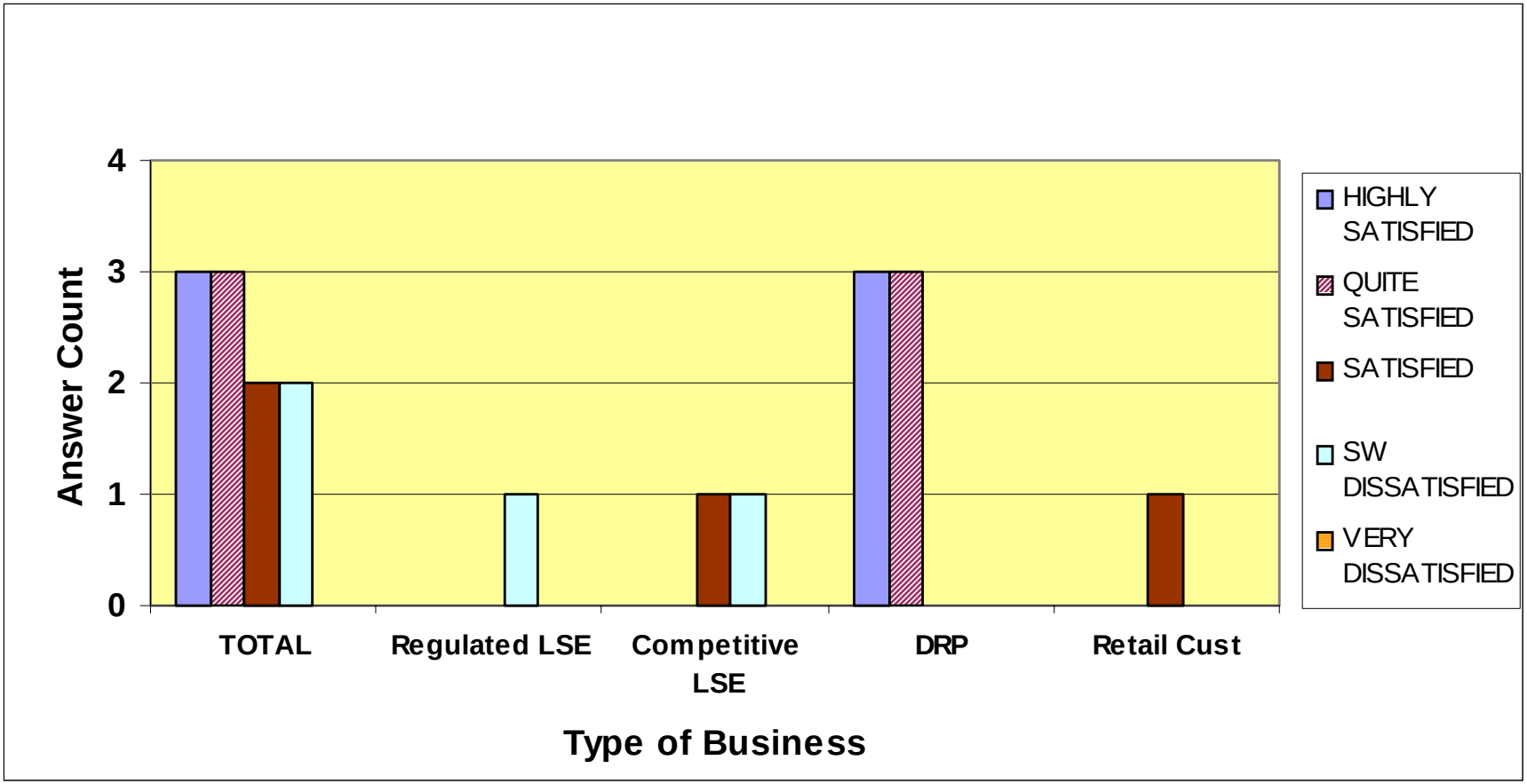


Figure 12. Overall Satisfaction with ICAP/SCR and EDRP Changes in 2003



Participation Migration and Retention

Table 1. Program Participation Summary

	Total 2002 (count)	2003 (count) EDRP	DADRP	ICAP	Dropped	New	Total 2003
EDRP	1535	1021	0	7	507	269	**1323**
ICAP	226	33	0	117	76	89	**213**
DADRP	24	0	24	0	0	3	**27**
sub	1785	1054	24	124			
	NEW 2003	*269*	*3*	*89*			
		1323	**27**	**213**			

Table 2. Program Participation Summary – MW

	Total 2002 (MW)	2003 (MW) EDRP	DADRP	ICAP	Dropped	New	Re-enrolled changes to subscription	Total 2003
EDRP	949.13	753.92	0.00	52.80	142.41	147.96	-76.39	**853.99**
ICAP	659.50	28.50	0.00	476.40	154.60	332.70	-11.60	**850.30**
DADRP	393.80	0.00	393.80	0.00	0.00	22.50	-5.00	**411.30**
sub	2002.43	782.42	393.80	529.20				
	NEW 2003	*147.96*	22.50	332.70				
	Re-enrolled changes to subscription	-76.39	-5.00	-11.60				
		853.99	**411.30**	**850.30**				

Table 3. Program Participation By Zone

Zone	EDRP		DADRP		ICAP	
	#	MW	#	MW	#	MW
A	54	53.38	9	162.40	39	399.00
B	16	62.59	0	0.00	17	30.20
C	145	36.78	4	40.40	31	75.90
D	9	219.43	0	0.00	5	108.60
E	46	55.67	3	114.00	9	14.10
F	66	68.98	9	91.00	14	68.80
G	42	58.97	0	0.00	1	0.40
H	8	7.20	1	1.00	4	2.40
I	25	13.04	0	0.00	14	12.00
J	107	98.72	1	2.50	67	130.30
K	805	179.24	0	0.00	12	8.60
Total	***1323***	***853.994***	***27***	***411.30***	***213***	***850.30***

Table 4. Migration By Zone

	EDRP				ICAP					DADRP	
Zone	*Dropped*	*EDRP to ICAP Sold*	*EDRP to ICAP Un-Sold*	*New*	*Dropped*	*ICAP Sold to EDRP*	*ICAP Un-Sold to EDRP*	*New Sold*	*New Un-Sold*	*Dropped*	*New*
A	55	1		12	28	1	1	12	4		
B	58			9	12			5			
C	61	2		35	1	1		11			
D	4			1	2			4			
E	34	1		13	4			7	1		
F	8	1	1	28	2	1		2			2
G	1			14		2					
H				2				1			
I	5			13	2	1		3	1		
J	60			59	20	3		33	4		1
K	221	1		83	5	23		1			
Total	**507**	**6**	**1**	**269**	**76**	**32**	**1**	**79**	**10**	**0**	**3**

Table 5. Participation Changes By Zone – MW

	EDRP (MW)				ICAP (MW)					DADRP (MW)	
Zone	*Dropped*	*EDRP to ICAP Sold*	*EDRP to ICAP Un-Sold*	*New*	*Dropped*	*ICAP Sold to EDRP*	*ICAP Un-Sold to EDRP*	*New Sold*	*New Un-Sold*	*Dropped*	*New*
A	20.42	43.00		5.78	75.00	0.60	0.10	78.70	3.30		
B	24.38			30.79	7.20			11.00			
C	9.42	1.00		11.70	0.60	0.20		10.90			
D	0.90			0.30	2.30			108.00			
E	19.43	0.30		13.70	5.20			11.70	2.10		
F	4.18	1.20	7.00	24.84	7.90	17.20		16.40			20.00
G	0.10			12.37				0.70			
H				1.50		4.60					
I	2.80			7.74	0.60			4.20	0.40		
J	26.55			20.77	53.30	4.20		83.10	1.70		2.50
K	34.24	0.30		18.47	2.50	1.60		0.50			
Total	**142.41**	**45.80**	**7.00**	**147.96**	**154.60**	**28.40**	**0.10**	**325.20**	**7.50**	**0.00**	**22.50**

Table 6. Participation Changes 2001–2003

	EDRP		DADRP		ICAP	
	2001 to 2002	2002 to 2003	2001 to 2002	2002 to 2003	2001 to 2002	2002 to 2003
Dropped	117	507	6	0	34	76
New	1497	269	4	3	91	89
Transfers		33				7
Renewals	190	1021	20	24	117	117
	1687	1323	24	27	208	213

Table 7. Migration and Dropout Details

Panel A

2002 ICAP to 2003 EDRP with ICAP performance in 2002		
ZONE	#	MW
A	2	0.7
C	1	0.2
F	1	17.2
I	1	0
J	2	1.6
K	18	0.5
Total	**25**	**20.2**

Panel B

New Participants with 2001 Program Experience			
EDRP		**ICAP**	
ZONE	#	ZONE	#
F	1	A	2
		J	1

Panel C

2002 ICAP dropped in 2003 with ICAP performance in 2002		
ZONE	#	MW
A	21	68.9
B	10	6.2
D	1	0.8
E	2	4.9
F	1	7.9
I	1	0.6
J	11	51.3
K	2	1.2
Total	**49**	**141.8**

Panel D

2002 EDRP Dropouts with no performance in 2002 Events	
Zone	**Count**
A	25
B	50
C	50
D	2
E	18
F	5
G	1
H	0
I	1
J	24
K	32
Total	**208**
Western NY	145
Capital	5
Hudson River	2
NYC/LI	56
Total	**208**

All MW reported are subscribed – not performance

Chart 1. ICAP/SCR Curtailment Bid Curves

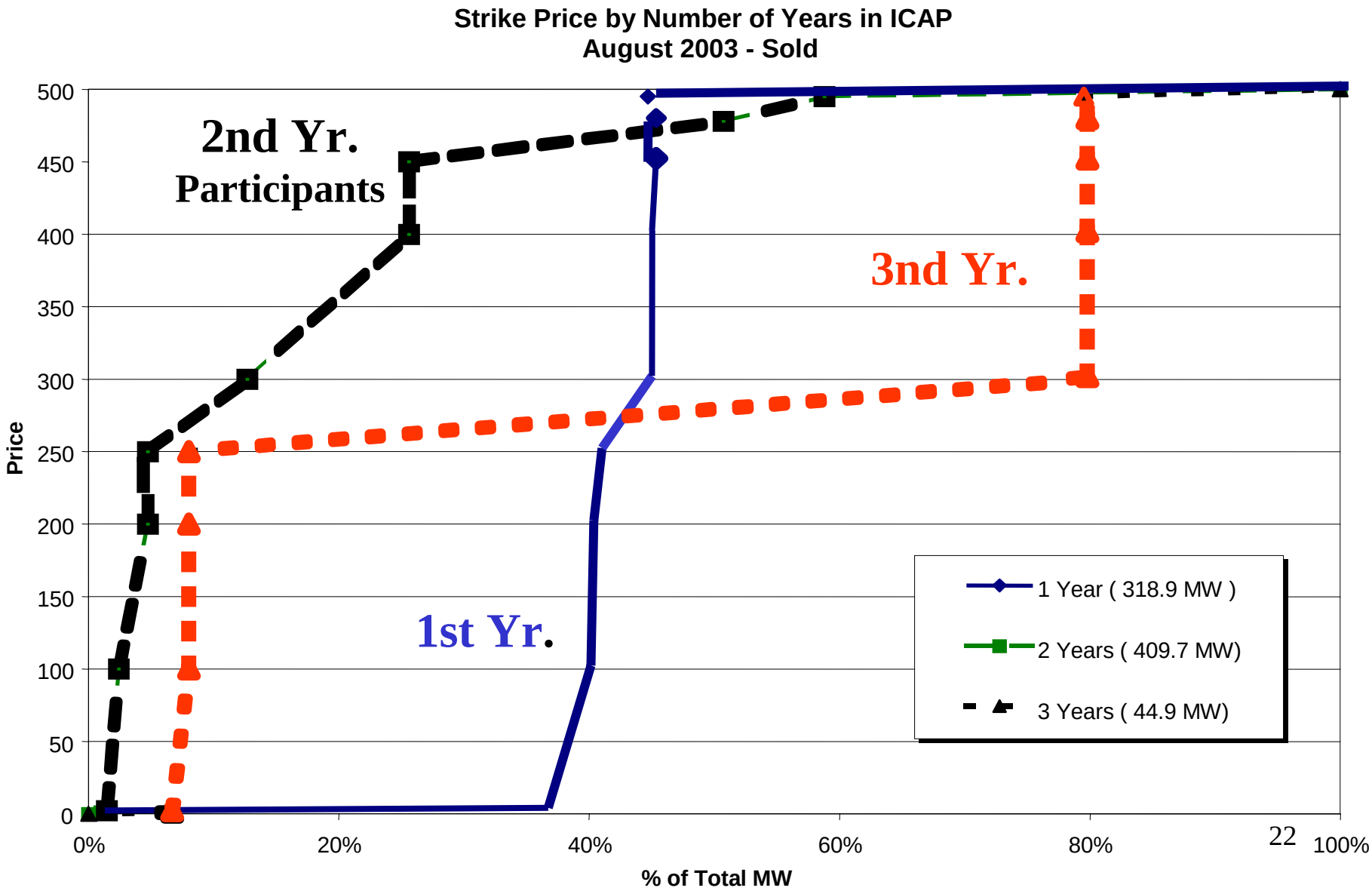


Table 8. Distribution of ICAP/SCR Curtailment Bids by Years in Program

Bid	Year of ICAP/SCR Participation		
	1st Yr.	2nd Yr.	3rd Yr.
Zero bid	38%	3%	10%
L.T. $250	40%	7%	12%
L.T. $400	45%	30%	80%
$500	56%	44%	20%